

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 6. (Canceled).

7. (Currently Amended) A fuel injector for a fuel injection system of an internal combustion engine, comprising:

a solenoid coil;

an armature acted upon in a closing direction by a restoring spring; and

a valve needle, which is connected to the armature by force-locking and at which a valve-closure member is formed, which forms a sealing seat together with a valve-needle surface, the armature striking against a stop face of an inner pole of the solenoid coil by way of an armature stop face, at least one of the armature stop face and the stop face having a coating,

the coating including a plurality of chromium layers and having a surface structure having raised areas and recessed areas[[:]], wherein the raised areas have a dome-shaped design and the height difference between the raised areas and recessed areas is initially between 5 μ m and 10 μ m and is reduced to between 4 μ m and 5 μ m during use of the fuel injector.

Claim 8 to 12. (Canceled).